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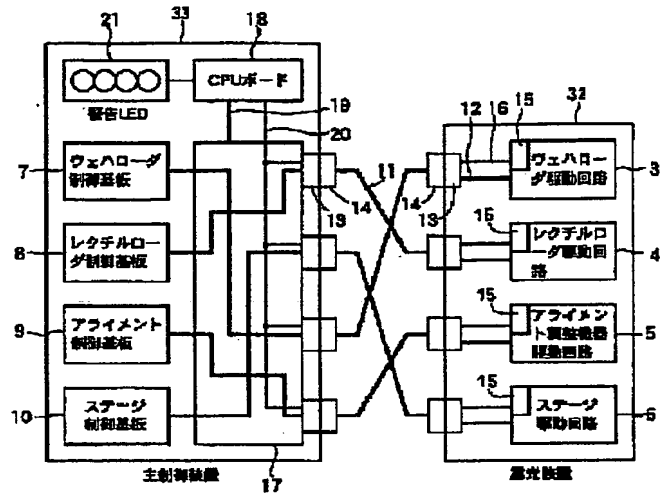
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TITLE : CONNECTION IDENTIFYING APPARATUS



ABSTRACT : PROBLEM TO BE SOLVED: To automatically discriminate mis-wirings and a non-connections in connection of a cable and a connector.

SOLUTION: An identification signal transmission circuit 15 is provided in each of drive circuits 3, 4, 5, 6 of an aligner 32, and an identification signal is supplied via an identification signal line 16. Furthermore, a wire change-over circuit 17 is arranged between an apparatus connector 13 and respective control substrates 7, 8, 9, 10 on a side of a main controller 33. The identification signal from the identification signal transmission circuit 15 is transmitted to a CPU board 18 via the wire change-over circuit 17 by an identification signal line 20 from a first pin of the equipment connector 13. Based on the identification signal so-obtained, the CPU board 18 identifies a connection between the respective drive circuits 3, 4, 5, 6 of the aligner 32 and the apparatus connector 13 of the main controller 33, to decide to the correspondence between the respective control substrates 7, 8, 9, 10 and the apparatus connector 13. In accordance to a wire control signal from a wire control signal line 19, a wire is changed over so as to impart an apparatus signal to the respective control substrates 7, 8, 9, 10 which are originally to be transmitted, and a required line information state can be attained.

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